

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	"3185389"	US-PGPUB; USPAT	OR	OFF	2009/04/20 09:51
S2	2	"2932474"	US-PGPUB; USPAT	OR	OFF	2009/04/20 09:51
S3	5	"3182902"	US-PGPUB; USPAT	OR	OFF	2009/04/20 09:51
S4	3	"2001098658"	DERWENT	OR	OFF	2009/04/20 09:51
S5	1	("2932474").URPN.	USPAT	OR	OFF	2009/04/20 10:41
S6	3	("3182902").URPN.	USPAT	OR	OFF	2009/04/20 10:41
S7	39	("2857746" "2894678" "3016183" "3044688" "3169696" "3182902" "3185389" "3209991" "3215343" "3233822" "3246836" "3279683" "3385542" "3454213" "3458121" "3689207" "3807907" "3836290" "3850551" "3876339" "3883101" "4118153"). PN. OR ("4427349"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 10:42
S8	6	("3578279" "4427349" "4549859" "5934884" "6004113").PN. OR ("6485271").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 10:43
S9	14	("1129526" "1290159" "3030056" "3185389"). PN. OR ("3578279"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 10:45
S10	15	("3030056").URPN.	USPAT	OR	OFF	2009/04/20 10:46

S11	35	("1988295" "2069767" "3030056" "3065901" "3292884" "3465954" "3531069" "3540813" "3578279" "3814357" "3887304" "3926156" "4043432" "4108581" "4174189" "4200426" "4262977" "4549859" "4871300" "4891955" "5090657").PN. OR ("5342179").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 10:47
S12	29	("0886227" "0956618" "1119300" "1711085" "1988295" "20040168464" "2175784" "2222724" "2687270" "2949324" "2979297" "4722505" "4731966" "4771989" "4871300" "5342179" "5913892" "6004113" "6079690").PN. OR ("7478790").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 10:47
S13	39	("2857746" "2894678" "3016183" "3044688" "3169696" "3182902" "3185389" "3209991" "3215343" "3233822" "3246836" "3279683" "3385542" "3454213" "3458121" "3689207" "3807907" "3836290" "3850551" "3876339" "3883101" "4118153").PN. OR ("4427349").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 10:48
S14	33	("2069767" "2130835" "2463035" "2801045" "3065901" "3169757" "3185389" "3578279" "3689203" "3820921").PN. OR ("4549859").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 10:48
S15	5	("4544334" "5252038" "5772410").PN. OR ("5934884").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 10:49
S16	4	"1057294"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 10:53
S17	1	"10572954"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 10:53
S18	0	("2008/0232984").URPN.	USPAT	OR	OFF	2009/04/20 10:53

S19	0	min-woo adj lee.in.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/04/20 10:54
S20	27	min-woo and lee.in.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/04/20 10:54
S21	7	spring near mass adj part	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/04/20 10:55
S22	733	417/363.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:22
S23	16	S22 and "267".clas.	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:23
S24	130	S22 and "248".clas.	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:24
S25	0	417/363.clas.	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:25
S26	733	417/363.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:25
S27	1392126	spring or coil	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:25
S28	12321	(spring or coil) with pitch \$2	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:26
S29	6	S28 and S26	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:26
S30	1392126	(spring or coil)	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:27
S31	1513687	(spring\$1 or coil\$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:27
S32	232	S31 and S26	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:27
S33	9	S32 and pitch\$2	US-PGPUB; USPAT	OR	OFF	2009/04/20 11:30
S34	24	("2865559" "3947155" "4067667" "4179630" "4360087" "4427906" "4781546" "4924675" "5354185" "5727932" "5772410" "5779455" "5993175" "6082132" "6092999").PN. OR ("6273688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 11:33
S35	724	267/178,166.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 12:07
S36	67	S35 and pitch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 12:07
S37	4	("3058705").URPN.	USPAT	OR	OFF	2009/04/20 12:10

S38	19	("0818242" "3058705" "3544106" "3761083"). PN. OR ("4775149"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 12:11
S39	711	248/618,624.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 12:13
S40	16	S39 and pitch	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 12:13
S41	9226	variable adj pitch\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 11:24
S42	61	S41 near spring	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 11:25
S43	17	("0485652" "4553545" "4760849" "4830023" "4994069" "5069217" "5122136" "5171383" "5304194" "5382259" "5540680" "5690666" "5766160"). PN. OR ("6254592"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 11:29
S44	476	("3509883" "3868956" "3993078" "4130904" "4503569" "4512338"). PN. OR ("4553545"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 11:30
S45	18	("1878128" "2514394" "2704696" "3141660" "3779537" "3854308" "4553545" "4712778" "4886250" "4905574" "5246215" "5361500" "5368107" "6375171"). PN. OR ("7270320"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 11:31
S46	7	("485652").URPN.	USPAT	OR	OFF	2009/04/21 11:34
S47	68	("0026954" "0085938" "0140975" "0274715" "0380651" "0485652" "0569256" "1250892" "1744389" "1751261" "1798885" "1804821" "1839325" "1879172" "1907324" "20010008030" "20010013147" "20020125623" "20040025257" "20060042016" "2480158" "3751025" "4077619" "4111407" "4535978" "4548390" "4664361" "4726572" "5040255" "5127635"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 11:35

		"5222264" "5319815" "5701623" "5713088" "5720471" "5868383" "6134729" "6243900" "6256820" "6260223" "6318416" "6336305" "6339857" "6398199" "6408469" "6481701" "6931685").PN. OR ("7178187").URPN.				
S48	28	("0380651" "1751261" "2666636" "2668278"). PN. OR ("4077619"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 11:37
S49	38	("1963054" "2650617" "3127147").PN. OR ("3751025").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 11:40
S50	6	("1751261" "2751179" "3751025" "4111407"). PN. OR ("D336600"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 11:41
S51	6	("1751261" "2751179" "3751025" "4111407"). PN. OR ("D338383"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 11:41
S52	7	("1963054").URPN.	USPAT	OR	OFF	2009/04/21 11:43
S53	1	"10572954"	US-PGPUB; USPAT	OR	OFF	2009/04/21 13:21
S54	1	"11887179"	US-PGPUB; USPAT	OR	OFF	2009/04/22 12:43
S55	1	"10587234"	US-PGPUB; USPAT	OR	OFF	2009/04/22 13:13
S56	0	"2004005222"	US-PGPUB; USPAT	OR	OFF	2009/04/22 13:13
S57	0	"2004/005222"	US-PGPUB; USPAT	OR	OFF	2009/04/22 13:13
S58	1	"20040005222"	US-PGPUB; USPAT	OR	OFF	2009/04/22 13:13
S59	1	"11591959"	US-PGPUB; USPAT	OR	OFF	2009/04/22 13:37
S60	0	("2008/0098560").URPN.	USPAT	OR	OFF	2009/04/22 13:46
S61	482	248/624.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 15:26
S62	4	("3058705").URPN.	USPAT	OR	ON	2009/11/05 15:28
S63	323	nonlinear adj spring	USPAT	OR	ON	2009/11/05 15:31
S64	578	nonlinear near1 spring	US-PGPUB; USPAT	OR	ON	2009/11/05 15:31

S65	1567	(nonlinear or non-linear or non adj linear) near spring	US-PGPUB; USPAT	OR	ON	2009/11/05 15:31
S66	26	((nonlinear or non-linear or non adj linear) near spring).ti.	US-PGPUB; USPAT	OR	ON	2009/11/05 15:32
S67	17	("1095821" "20020113352" "2055242" "2848216" "3039757" "3750238" "3856285" "5062619" "5092568" "5529327" "5622358" "6193225" "6328294").PN. OR ("7249757").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 15:33
S68	17	("0338267" "1963054" "2586646" "3068666" "5678809" "5944302").PN. OR ("6193225").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 15:33
S69	30	("2991064" "3011775" "4632496" "4655462" "4826144" "4830344" "4876781" "4893795" "4907788" "4915366" "4961253" "4964204" "4974821" "5108078" "5139243" "5139276" "5160122" "5203849" "5239737" "5503375" "5615870" "5709371" "5791638" "6122862" "6193225" "6220586" "6481701").PN. OR ("7055812").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 15:34
S70	11	("1846257" "2991064" "5139243").PN. OR ("5615870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 15:35
S71	42	spring with pitch\$3 near3 (non-linear or non adj linear or nonlinear or various or multiple)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 15:38
S72	5	("5610356" "5648621" "5783765" "6297437").PN. OR ("6649821").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 15:41
S73	2617	spring near2 pitch\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 15:41
S74	1249	spring near pitch\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 15:41
S75	632	spring with pitch\$3 near3 var\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 15:42
S76	0	"11447301"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 16:35

S77	0	spring near assymetric near pitch	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:23
S78	0	spring near asymmetric near pitch	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:24
S79	1196	spring near pitch	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:24
S80	0	spring near pitch near uneven	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:24
S81	0	spring near pitch with assymmetric	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:24
S82	0	spring near pitch with asymmetric	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:24
S83	0	spring near pitch with asymmetric	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:24
S84	0	spring near pitch*2 with asymmetric	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:24
S85	0	spring near pitch\$2 with asymmetric	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:24
S86	0	spring near pitch\$2 with uneven	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:24
S87	0	spring near pitch\$2 with symmetric	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:25
S88	0	spring near pitch\$2 with asymm\$5	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:25
S89	1223	spring near pitch\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:25
S90	1	"10572954"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 16:04

11/7/2009 12:42:33 PM

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